



**HIGH INDUSTRY VERSION : STEEL GEARBOX, ALUMINIUM FLANGES**  
**MAXIMUM LOAD UNTIL 137 KG**  
**3 TYPES OF MOTORIZATION : STANDARD, COLD, REINFORCED**  
**SINGLE AND THREE PHASE MOTORS**

**TECHNICAL FEATURES :**

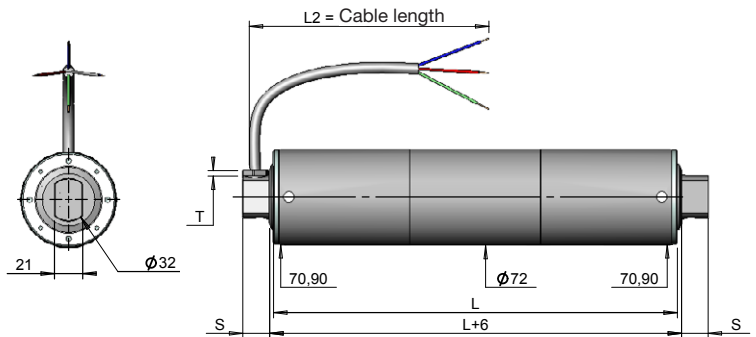
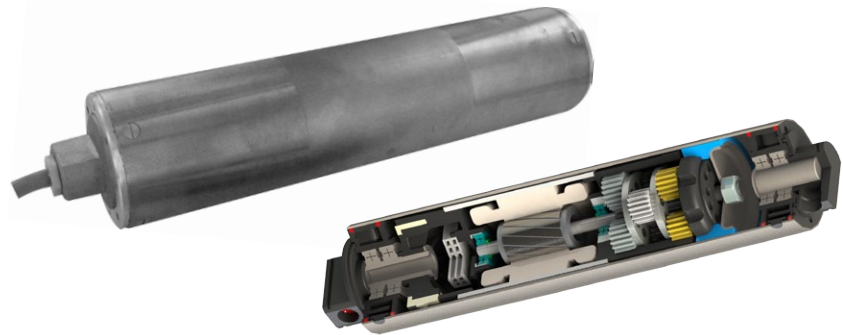
- Asynchronous motor
- Permanently lubricated
- Thermal cut-out
- Aluminium end fitting
- Steel tube
- Working with frequency convertor under 230V only
- Class F insulation
- IP44 or IP66 protection
- S3 or S1 service class
- Working temperature : -10°C to +40°C

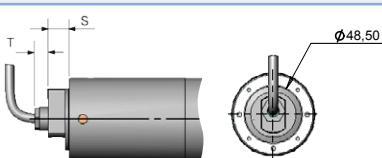
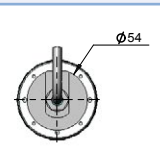
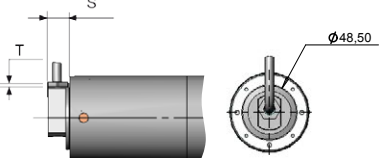
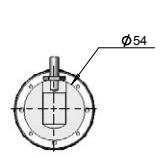
**OPTIONS AVAILABLE ON DEMAND :**

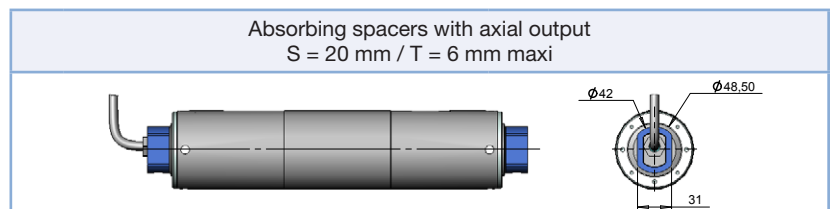
- Stainless steel or zinc plated tube
- Specific coating
- Geometry of tube : cylindric, biconic, bi-tapered
- Drum length
- Cable length
- Voltages and frequencies on request
- Brake
- Specific connectors and end fittings
- Absorbing spacers

**COMPLY WITH STANDARDS :**

- EN 60335-1
- EN 60034-1



	Aluminium end fittings S = 20 mm / T = 6 mm maxi	Plastic end fittings (in option) S = 15 mm T = 6 mm maxi
Axial output		
Radial output		
S: End fitting width T: Nut width + Tightening looseness		





Ø and Type	Output power (W)	Linear speed		Gearbox ratio	Torque (Nm)	Maximum load (kg)	Tractive effort (N)	Available tube length (mm)	Service class*	Intensity Capacitor (µF)	Intensity and Voltage									
		m/s	m/min								Single phase	Three phase								
Ø72 STANDARD VERSION	Motors 25 W / 230V - 50Hz											Single phase	Three phase							
	20W	0,04	2,6	1/216	17,7	114	491	de 250 à 1000	S3 Intermittent	50% on a 6 seconds cycle maximum	0,23A 2 µF (CM2 type)	0,18A under 230V	0,45A under 400V (CT2 type)							
		0,06	3,7	1/152	12,5	81	347													
		0,07	4,2	1/135	11,1	71	307													
		0,09	5,3	1/107	8,8	57	245													
		0,10	6,0	1/95	7,8	50	217													
		0,11	6,7	1/84	6,9	45	192													
		0,12	7,4	1/76	6,2	40	173													
		0,14	8,4	1/67	5,5	36	153													
		0,16	9,4	1/60	4,9	31	135													
		0,18	10,7	1/53	4,3	28	120													
		0,26	15,7	1/36	3,1	20	86													
		0,37	22,6	1/25	2,2	14	61													
		0,52	31,4	1/18	1,6	11	45													
		0,59	35,3	1/16	1,5	9	40													
	0,67	40,4	1/14	1,3	8	35														
	Motors 35 W / 230V - 50Hz											Single phase	Three phase							
	35W	0,09	5,5	1/107	12,3	80	343	300 350 400 450 500 600 800 1000	S1 continued	50% on a 6 seconds cycle maximum	0,35A 2 µF (BM2 type)	0,18A under 230V	0,45A under 400V (BT2 type)							
		0,10	6,2	1/95	10,9	71	303													
		0,11	7,0	1/84	9,7	62	269													
		0,12	7,7	1/76	8,7	56	242													
		0,14	8,8	1/67	7,7	50	214													
		0,16	9,8	1/60	6,8	44	190													
		0,18	11,1	1/53	6,0	39	168													
		0,26	16,3	1/36	4,3	28	121													
		0,37	23,5	1/25	3,1	20	85													
		0,52	32,7	1/18	2,3	15	64													
		0,59	36,8	1/16	2,0	13	56													
		0,67	42,0	1/14	1,8	11	49													
		Motors 50 W / 230V - 50Hz												Single phase	Three phase					
		50W	0,09	5,5	1/107	17,6	114							490	300 350 400 450 500 600 800 1000	S3 Intermittent	50% on a 6 seconds cycle maximum	0,4A 3 µF (BM2 type)	0,45A under 230V	0,26A under 400V (BT2 type)
	0,10		6,2	1/95	15,6	101	433													
	0,11		7,0	1/84	13,8	89	384													
	0,12		7,7	1/76	12,4	80	346													
	0,14		8,8	1/67	11,0	71	306													
	0,16		9,8	1/60	9,8	63	271													
0,17	11,1		1/53	8,6	56	240														
0,26	16,3		1/36	6,2	40	172														
0,37	23,5		1/25	4,4	28	122														
0,52	32,7		1/18	3,3	21	91														
0,59	36,8		1/16	2,9	19	81														
0,67	42,0		1/14	2,5	16	71														

\* Reduce the load of 50% if the drum motor is used in service class S1 instead of S3

### STANDARD VERSION

Drum motors are particularly well adapt for the belt conveyors :

- Steel planetary gear
- Belt always centered thanks to a specific machining

Ø72 COLD VERSION	Motors 30 W / 230V - 50Hz											Single phase	Three phase
	30W	0,04	2,6	1/216	21,2	137	589	300 350 400 450 500 600 800 1000	S1 continued	50% on a 6 seconds cycle maximum	0,26A under 230V	0,15A under 400V (Cold BT2 type)	
		0,06	3,7	1/152	15,0	97	416						
		0,07	4,2	1/135	13,3	86	368						
		0,09	5,3	1/107	10,6	68	294						
		0,10	6,0	1/95	9,4	60	260						
		0,11	6,7	1/84	8,3	54	230						
		0,12	7,4	1/76	7,5	48	207						
		0,14	8,4	1/67	6,6	43	184						
		0,16	9,4	1/60	5,9	38	163						
		0,18	10,7	1/53	5,2	33	144						
		0,26	15,7	1/36	3,7	24	103						
		0,37	22,6	1/25	2,6	17	73						
		0,52	31,4	1/18	2,0	13	54						
		0,59	35,3	1/16	1,7	11	48						
		0,67	40,4	1/14	1,5	10	42						

### COLD VERSION

- Allows a continued service class S1
- The drum motor does not warm the belt in contact
- Is recommended for high temperature environments
- Is recommended for the conveying of temperature sensitive products (food industry, ...)
- Is compulsory if the tube has got a coating

Ø72 REINFORCED VERSION	Motors 70 W / 230V - 50Hz											Single phase	Three phase
	70W	0,11	6,7	1/84	19,3	125	537	300 350 400 450 500 600 800 1000 >1000 nous consulter	S3 Intermittent	50% on a 6 seconds cycle maximum	0,6A 6 µF (BM2 type)	0,55A type 230V (BT2 type)	
		0,12	7,4	1/76	17,4	112	484						
		0,14	8,4	1/67	15,4	100	428						
		0,16	9,5	1/60	13,7	88	379						
		0,18	10,7	1/53	12,1	78	336						
		0,26	15,7	1/36	8,3	53	229						
		0,37	22,3	1/25	5,8	38	162						
		0,52	31,4	1/18	4,1	27	115						
		0,59	35,3	1/16	3,7	24	102						
		0,67	40,4	1/14	3,2	21	89						
	Motors 80 W / 230V - 50Hz											Single phase	Three phase
	80W	0,14	8,4	1/67	17,6	102	439	300 350 400 450 500 600 800 1000 >1000 nous consulter	S3 Intermittent	50% on a 6 seconds cycle maximum	0,55A type 230V (BT2 type)		
		0,16	9,7	1/60	15,7	91	393						
		0,18	10,7	1/53	13,9	81	347						
		0,26	15,7	1/36	9,4	55	236						
0,38		22,6	1/25	6,5	38	164							
0,52		31,4	1/18	4,7	27	118							
0,59		35,3	1/16	4,2	24	105							
0,67		40,4	1/14	3,7	21	92							

### REINFORCED VERSION

Increase of the available power and torque for the conveying of loads

- S3 service class of 50% on a 6 seconds cycle

The indicated values are given for a 2 meters long conveyor. Without LOAD

\* Reduce the load of 50% if the drum motor is used in service class S1 instead of S3